

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("6374117").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:42
S2	2	("5991618").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/20 12:37
S3	2	("6792248").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/21 14:06
S4	2	("5991618").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/21 14:06
S5	0	("1and(poweradjmargin)with(increase)").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/21 14:07
S6	1	S4 and (power adj margin) with (increase)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 14:07
S7	1	S4 and (power adj margin) same (increase)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 14:08
S8	15	(power adj margin) same increase same (uplink or up\$link or reverse or downlink or down\$link or forward)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 14:11
S9	5	S8 and (@rlad<"20021003" or @ad<"20021003")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 14:12

## EAST Search History

S10	1	((power adj margin) near2 increase) same (retransmission near2 increase)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 15:39
S11	1	((power adj margin) near3 increase) same (retransmission near3 increase)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 15:39
S12	1	((power adj margin) near4 increase) same (retransmission near4 increase)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 15:39
S13	1	((power adj margin) near5 increase) same (retransmission near5 increase)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 15:40
S14	11	((power adj margin) near5 increase) same (transmission near5 increase)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 15:41
S15	4	((("6374117") or ("5991618"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/25 13:55
S16	1	S15 and (retransmission)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 15:05
S17	2345	455/522.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 15:21
S18	56	S17 and (maximum near3 delay) and (error near3 rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 16:17
S19	47	S18 and (@rlad<"20021003" or @ad<"20021003")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 16:21

## EAST Search History

S20	10	S17 and (maximum near3 delay) with (small\$ or less\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 16:20
S21	10	S17 and ((maximum near3 delay) with (small\$ or less\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 16:17
S22	22	(transmission adj power adj control adj method) and (communication adj device) and (radio adj communication adj system)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 16:21
S23	2	((transmission adj power adj control adj method) and ((communication adj device) and (radio adj communication adj system))).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 16:21
S24	11	S22 and (@rlad<"20021003" or @ad<"20021003")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 16:22
S25	0	(communication adj group) same higher same (power adj margin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 09:45
S26	0	(communication adj group) same (higher or greater or more) same (power adj margin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 09:45
S27	6	(communication adj device\$) same (higher or greater or more) same (power adj margin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 11:10
S28	421	(retransmission) with ("same" near2 data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 11:11
S29	257	(retransmission) with ("same" adj data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 11:14

## EAST Search History

S30	174	S29 and (@rlad<"20021003" or @ad<"20021003")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 11:11
S31	2	(retransmission near2 count) with ("same" adj data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 11:16
S32	4	(retransmission near3 count) with ("same" adj data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 11:17
S33	2	("6374117").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 14:16
S34	2	("5991618").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 14:16
S35	0	("10673327").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 10:48
S36	2	("5991618").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 11:09
S37	2	("6792248").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 11:09
S38	6961	(real or voice) with (high\$3 or great\$3 or more) with power	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 11:15
S39	2	(real or voice) with (high\$3 or great\$3 or more) with (power adj margin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 11:16

## EAST Search History

S40	5	(real or voice) with (high\$3 or great\$3 or more) with (power near5 margin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 11:24
S41	2	("6925097").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 11:57
S42	2557	455/522.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 11:58
S43	79	(non\$1real or data) same (power adj margin) same (dB or decibels)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 13:57
S44	6	((("5991618") or ("6792248") or ("6374117")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 14:07
S45	108	(power adj margin) same value\$1 same (real or non\$real or voice or data or speech or image)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 14:12
S46	59	((power adj margin) with value\$1) same (real or non\$real or voice or data or speech or image)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 14:15
S47	71	(455/13.4.ccls. or 455/522.ccls.) and (power adj margin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 14:16
S48	28	(455/13.4.ccls. or 455/522.ccls.) and ((power adj margin) same value)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 14:16
S49	897	455/452.2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 13:31

## EAST Search History

S50	0	455/452.2 same voice	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 13:31
S51	458	455/452.2 and voice	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 13:31
S52	95	455/452.2 and (voice same power)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 13:31
S53	60	S52 and (@ad<"20021003")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 14:10
S54	1002	data same "0 db"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 13:43
S55	352	data with "0 db"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 13:44
S56	46	S55 and "455".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 13:44
S57	30	S56 and (@ad<"20021003")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 13:53
S58	8107	voice adj over adj ip	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 13:54
S59	0	S58 same (power adj margin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 13:54

## EAST Search History

S60	227	S58 same power	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 13:54
S61	77	S60 and (@ad<"20021003")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 14:04
S62	728	455/452.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 14:04
S63	0	455/452.2.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 14:04
S64	897	455/452.2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 14:09
S65	517	S64 and (@ad<"20021003")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 14:09
S66	582	S64 and (voice or real)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 14:09
S67	351	S66 and (@ad<"20021003")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 14:09
S68	475	455/452.2 and ((voice or real) same (data or non\$1real))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 14:10
S69	378	455/452.2.ccls. and ((voice or real) same (data or non\$1real))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 14:10

## EAST Search History

S70	233	S69 and (@ad<"20021003")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/11 14:10
S71	8	((("20010048584") or ("20030232595") or ("20010021659") or ("6370037"))). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/12 17:51
S72	861	455/452.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 19:06
S73	383958	(real\$1time or voice) and ((non\$1real adj time) or data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 19:06
S74	248651	(real\$1time or voice) same ((non\$1real adj time) or data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 19:09
S75	399	S72 and S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 19:07
S76	336	S75 and (value or threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 19:08



## EAST Search History

S77	224	S76 and (@rlad<"20021003" or @ptad<"20021003" or @ad<"20021003")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 19:08
S78	6482	((real\$1time or voice) and ((non\$1real adj time) or data) and (value or threshold)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 19:09
S79	2	S77 and S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 19:12
S80	49	(real\$1time traffic) and (non\$1real time traffic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/14 20:11
S81	0	S80 and 455/522.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/14 19:13
S82	4	S80 and "455".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/14 19:13
S83	38	S80 and ("455".clas. or "370".clas. )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/14 19:52

## EAST Search History

S84	222	retransmission count	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/14 19:52
S85	1	S84 and 455/522.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/14 19:53
S86	2	"20040132405"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/14 19:53
S87	1	("2004/0132405").URPN.	USPAT	OR	ON	2007/10/14 19:53
S88	7	("20040002353"   "20040132405"   "5448750"   "6493331"   "6535503"   "6738623"   "6775541").PN. OR ("7035660"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/14 19:54
S89	1	("2004/0132405").URPN.	USPAT	OR	ON	2007/10/14 20:04
S90	1597	455/522.ccls.	USPAT	OR	ON	2007/10/14 20:04
S91	2938	455/522.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 20:05
S92	1093	S91 and (voice and data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 20:05
S93	972	S91 and (voice same data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 20:05

## EAST Search History

S94	11	(real\$1time traffic) and (non\$1real time traffic) and threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/14 20:20
S95	49	(real\$1time traffic) and (non\$1real time traffic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/14 20:27
S96	2	"6925097"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/14 20:31
S97	2	"2005239491"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/14 20:31
S98	2	"20050239491"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/14 20:31
S99	2	("2005/0239491").URPN.	USPAT	OR	ON	2007/10/14 20:36
S100	791	((transmission adj power) same (voice or real\$1time)) and ((transmission adj power) same (data or non\$1real\$1time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 20:38
S101	155	455/522.ccls. and S100	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 20:39

## EAST Search History

S10 2	203	((transmission adj power) with (voice or real\$1time)) same ((transmission adj power) with (data or non\$1real\$1time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 20:59
S10 3	43	455/522.ccls. and S102	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 20:39
S10 4	23	(transmission adj power) same (real\$1time and non\$1real\$1time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 21:00
S10 5	0	("2006/0078059").URPN.	USPAT	OR	ON	2007/10/14 22:02
S10 6	16712	(real\$1time or voice) with (high\$4 or great\$4 or more or increas\$4) with (non\$1real\$1time or data)	USPAT	OR	ON	2007/10/14 22:08
S10 7	275	(real\$1time) with (high\$4 or great\$4 or more or increas\$4) with (non\$1real\$1time)	USPAT	OR	ON	2007/10/14 22:07
S10 8	3	455/522.ccls. and S107	USPAT	OR	ON	2007/10/14 22:07
S10 9	1091	(real\$1time or voice) adj (high\$4 or great\$4 or more or increas\$4) with (non\$1real\$1time or data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 22:09
S11 0	11	(real\$1time) adj (high\$4 or great\$4 or more or increas\$4) with (non\$1real\$1time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 22:12

## EAST Search History

S11 1	429	(voice with db) same (data with db)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 22:12
S11 2	2	(power adj margin) same S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/14 22:13
S11 3	28	("5265119"   "5361402"   "5446756"   "5465399"   "5491837"   "5551057"   "5623484"   "5640691"   "5687171"   "5845212"   "5852778").PN. OR ("5991618"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/14 22:14